



DEPARTMENT OF THE AIR FORCE  
59TH MEDICAL WING (AETC)  
JOINT BASE SAN ANTONIO - LACKLAND TEXAS



8 MAR 2017

MEMORANDUM FOR 959 CSPS MCHE-DN  
ATTN: COL DEBORAH JONES

FROM: 59 MDW/SGVU

SUBJECT: Professional Presentation Approval

1. Your paper, entitled **Missile Base Deployments: Impact on Military Children** presented at/published to **19<sup>th</sup> Annual Conference, Marriott Inner Harbor at Camden Yards, Baltimore, MD, 8-9 March 2017** in accordance with MDWI 41-108, has been approved and assigned local file #**17131**.
2. Pertinent biographic information (name of author(s), title, etc.) has been entered into our computer file. Please advise us (by phone or mail) that your presentation was given. At that time, we will need the date (month, day and year) along with the location of your presentation. It is important to update this information so that we can provide quality support for you, your department, and the Medical Center commander. This information is used to document the scholarly activities of our professional staff and students, which is an essential component of Wilford Hall Ambulatory Surgical Center (WHASC) internship and residency programs.
3. Please know that if you are a Graduate Health Sciences Education student and your department has told you they cannot fund your publication, the 59th Clinical Research Division may pay for your basic journal publishing charges (to include costs for tables and black and white photos). We cannot pay for reprints. If you are a 59 MDW staff member, we can forward your request for funds to the designated Wing POC at the Chief Scientist's Office, Ms. Alice Houy, office phone: 210-292-8029; email address: [alice.houy.civ@mail.mil](mailto:alice.houy.civ@mail.mil).
4. Congratulations, and thank you for your efforts and time. Your contributions are vital to the medical mission. We look forward to assisting you in your future publication/presentation efforts.

*Linda Steel-Goodwin*

LINDA STEEL-GOODWIN, Col, USAF, BSC  
Director, Clinical Investigations & Research Support

## PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS

### INSTRUCTIONS

#### USE ONLY THE MOST CURRENT 59 MDW FORM 3039 LOCATED ON AF E-PUBLISHING

1. The author must complete page two of this form:
  - a. In Section 2, add the funding source for your study [ e.g., 59 MDW CRD Graduate Health Sciences Education (GHSE) (SG5 O&M); SG5 R&D; Tri-Service Nursing Research Program (TSNRP); Defense Medical Research & Development Program (DMRDP); NIH; Congressionally Directed Medical Research Program (CDMRP) ; Grants; etc.]
  - b. In Section 2, there may be funding available for journal costs, if your department is not paying for figures, tables or photographs for your publication. Please state "YES" or "NO" in Section 2 of the form, if you need publication funding support.
2. Print your name, rank/grade, sign and date the form in the author's signature block or use an electronic signature.
3. Attach a copy of the 59 MDW IRB or IACUC approval letter for the research related study. If this is a technical publication/presentation, state the type (e.g. case report, QA/QI study, program evaluation study, informational report/briefing, etc.) in the "Protocol Title" box.
4. Attach a copy of your abstract, paper, poster and other supporting documentation.
5. Save and forward, via email, the processing form and all supporting documentation to your unit commander, program director or immediate supervisor for review/approval.
6. On page 2, have either your unit commander, program director or immediate supervisor:
  - a. Print their name, rank/grade, title; sign and date the form in the approving authority's signature block or use an electronic signature.
7. Submit your completed form and all supporting documentation to the CRD for processing (59crdpubspres@us.af.mil). **This should be accomplished no later than 30 days before final clearance is required to publish/present your materials.** If you have any questions or concerns, please contact the 59 CRD/Publications and Presentations Section at 292-7141 for assistance.
8. The 59 CRD/Publications and Presentations Section will route the request form to clinical investigations, 502 ISG/JAC (Ethics Review) and Public Affairs (59 MDW/PA) for review and then forward you a final letter of approval or disapproval.
9. Once your manuscript, poster or presentation has been approved for a one-time public release, you may proceed with your publication or presentation submission activities, as stated on this form. **Note:** For each new release of medical research or technical information as a publication/presentation, a new 59 MDW Form 3039 must be submitted for review and approval.
10. If your manuscript is accepted for scientific publication, please contact the 59 CRD/Publications and Presentations Section at 292-7141. This information is reported to the 59 MDW/CC. All medical research or technical information publications/presentations must be reported to the Defense Technical Information Center (DITC). See 59 MDWI 41-108, *Presentation and Publication of Medical and Technical Papers*, for additional information.
11. The Joint Ethics Regulation (JER) DoD 5500.07-R, *Standards of Conduct*, provides standards of ethical conduct for all DoD personnel and their interactions with other non-DoD entities, organizations, societies, conferences, etc. Part of the Form 3039 review and approval process includes a legal ethics review to address any potential conflicts related to DoD personnel participating in non-DoD sponsored conferences, professional meetings, publication/presentation disclosures to domestic and foreign audiences, DoD personnel accepting non-DoD contributions, awards, honoraria, gifts, etc. The specific circumstances for your presentation will determine whether a legal review is necessary. **If you (as the author) or your supervisor check "NO" in block 17 of the Form 3039, your research or technical documents will not be forwarded to the 502 ISG/JAC legal office for an ethics review.** To assist you in making this decision about whether to request a legal review, the following examples are provided as a guideline:

For presentations before professional societies and like organizations, the 59 MDW Public Affairs Office (PAO) will provide the needed review to ensure proper disclaimers are included and the subject matter of the presentation does not create any cause for DoD concern.

If the sponsor of a conference or meeting is a DoD entity, an ethics review of your presentation is not required, since the DoD entity is responsible to obtain all approvals for the event.

If the sponsor of a conference or meeting is a non-DoD commercial entity or an entity seeking to do business with the government, then your presentation should have an ethics review.

If your travel is being paid for (in whole or in part) by a non-Federal entity (someone other than the government), a legal ethics review is needed. These requests for legal review should come through the 59 MDW Gifts and Grants Office to 502 ISG/JAC.

If you are receiving an honorarium or payment for speaking, a legal ethics review is required.

If you (as the author) or your supervisor check "YES" in block 17 of the Form 3039, your research or technical documents will be forwarded simultaneously to the 502 ISG/JAC legal office and PAO for review to help reduce turn-around time. If you have any questions regarding legal reviews, please contact the legal office at (210) 671-5795/3365, DSN 473.

**NOTE:** All abstracts, papers, posters, etc., should contain the following disclaimer statement:

***"The views expressed are those of the [author(s)] [presenter(s)] and do not reflect the official views or policy of the Department of Defense or its Components"***

**NOTE:** All abstracts, papers, posters, etc., should contain the following disclaimer statement for research involving humans:

***"The voluntary, fully informed consent of the subjects used in this research was obtained as required by 32 CFR 219 and DODI 3216.02\_AFI 40-402."***

**NOTE:** All abstracts, papers, posters, etc., should contain the following disclaimer statement for research involving animals, as required by AFMAN 40-401\_IP :

***"The experiments reported herein were conducted according to the principles set forth in the National Institute of Health Publication No. 80-23, Guide for the Care and Use of Laboratory Animals and the Animal Welfare Act of 1966, as amended."***



<b>PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS</b>			
1. TO: CLINICAL RESEARCH	2. FROM: (Author's Name, Rank, Grade, Office Symbol) Deborah Jones, Col; MCHE-DN (DON) MEDCOM BAMC	3. GME/GHSE STUDENT: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	4. PROTOCOL NUMBER: UTK-IRB-15-02251-XP
5. PROTOCOL TITLE: ( <b>NOTE:</b> For each new release of medical research or technical information as a publication/presentation, a new 59 MDW Form 3039 must be submitted for review and approval.) Military Children's Perceptions of Parents' Frequent Missile Base Deployments			
6. TITLE OF MATERIAL TO BE PUBLISHED OR PRESENTED: Missile base deployments: Impact on military children			
7. FUNDING RECEIVED FOR THIS STUDY? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO FUNDING SOURCE: TSNRP HU0001-15-1-TS12			
8. DO YOU NEED FUNDING SUPPORT FOR PUBLICATION PURPOSES: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
9. IS THIS MATERIAL CLASSIFIED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
10. IS THIS MATERIAL SUBJECT TO ANY LEGAL RESTRICTIONS FOR PUBLICATION OR PRESENTATION THROUGH A COLLABORATIVE RESEARCH AND DEVELOPMENT AGREEMENT (CRADA), MATERIAL TRANSFER AGREEMENT (MTA), INTELLECTUAL PROPERTY RIGHTS AGREEMENT ETC.? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <b>NOTE:</b> If the answer is YES then attach a copy of the Agreement to the Publications/Presentations Request Form.			
11. MATERIAL IS FOR: <input checked="" type="checkbox"/> DOMESTIC RELEASE <input type="checkbox"/> FOREIGN RELEASE CHECK APPROPRIATE BOX OR BOXES FOR APPROVAL WITH THIS REQUEST. ATTACH COPY OF MATERIAL TO BE PUBLISHED/PRESENTED.			
<input type="checkbox"/> 11a. PUBLICATION/JOURNAL (List intended publication/journal.)			
<input type="checkbox"/> 11b. PUBLISHED ABSTRACT (List intended journal.)			
<input checked="" type="checkbox"/> 11c. POSTER (To be demonstrated at meeting: name of meeting, city, state, and date of meeting.) 19th Annual Conference March 8-9, 2017 Marriott Inner Harbor Hotel at Camden Yards, Baltimore, Maryland			
<input type="checkbox"/> 11d. PLATFORM PRESENTATION (At civilian institutions: name of meeting, state, and date of meeting.)			
<input type="checkbox"/> 11e. OTHER (Describe: name of meeting, city, state, and date of meeting.)			
12. HAVE YOUR ATTACHED RESEARCH/TECHNICAL MATERIALS BEEN PREVIOUSLY APPROVED TO BE PUBLISHED/PRESENTED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ASSIGNED FILE # 16363 DATE October 25, 2016			
13. EXPECTED DATE WHEN YOU WILL NEED THE CRD TO SUBMIT YOUR CLEARED PRESENTATION/PUBLICATION TO DTIC <b>NOTE:</b> All publications/presentations are required to be placed in the Defense Technical Information Center (DTIC).			
DATE May 01, 2017			
14. 59 MDW PRIMARY POINT OF CONTACT (Last Name, First Name, M.I., email) Morgan, Brenda J. brenda.j.morgan12.mil@mail.mil			15. DUTY PHONE/PAGER NUMBER 292-5931
16. AUTHORSHIP AND CO-AUTHOR(S) List in the order they will appear in the manuscript.			
LAST NAME, FIRST NAME AND M.I.	GRADE/RANK	SQUADRON/GROUP/OFFICE SYMBOL	INSTITUTION (If not 59 MDW)
a. Primary/Corresponding Author Jones, Deborah	Col	MCHE-DN (DON)	MEDCOM/BAMC
b. Thomas, Sandra			UTK
c.			
d.			
e.			
17. IS A 502 ISG/JAC ETHICS REVIEW REQUIRED (JER DOD 5500.07-R)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
I CERTIFY ANY HUMAN OR ANIMAL RESEARCH RELATED STUDIES WERE APPROVED AND PERFORMED IN STRICT ACCORDANCE WITH 32 CFR 219, AFMAN 40-401_IP, AND 59 MDWI 41-108. I HAVE READ THE FINAL VERSION OF THE ATTACHED MATERIAL AND CERTIFY THAT IT IS AN ACCURATE MANUSCRIPT FOR PUBLICATION AND/OR PRESENTATION.			
18. AUTHOR'S PRINTED NAME, RANK, GRADE Deborah K. Jones, Col/06		19. AUTHOR'S SIGNATURE JONES DEBORAH K. 1108359346	20. DATE March 06, 2017
21. APPROVING AUTHORITY'S PRINTED NAME, RANK, TITLE Brenda J. Morgan, Col/06 Dir Nursing Research Division		22. APPROVING AUTHORITY'S SIGNATURE MORGAN BREND A. J. 1135106085	23. DATE March 06, 2017

## PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS

## 1st ENDORSEMENT (59 MDW/SGVU Use Only)

TO: Clinical Research Division  
59 MDW/CRD  
Contact 292-7141 for email instructions.

24. DATE RECEIVED  
March 06, 2017

25. ASSIGNED PROCESSING REQUEST FILE NUMBER  
17131

26. DATE REVIEWED  
6 Mar 2017

27. DATE FORWARDED TO 502 ISG/JAC

28. AUTHOR CONTACTED FOR RECOMMENDED OR NECESSARY CHANGES: ☒ NO ☐ YES If yes, give date. ☐ N/A

29. COMMENTS ☒ APPROVED ☐ DISAPPROVED

The poster presentation is approved.

30. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER  
Rocky Calcote, PhD, Clinical Research Administrator

31. REVIEWER SIGNATURE

CALCOTE.ROCKY.D.1178245844

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DN: cn=US, ou=US Government, ou=DOD, ou=PR, ou=USAF  
cn=CAJCOFE ROCKY D 1178245644  
Date: 2012.05.08 10:33:53 -0500

32. DATE \_\_\_\_\_

## 2nd ENDORSEMENT (502 ISG/JAC Use Only)

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35. COMMENTS ☐ APPROVED (In compliance with security and policy review directives.) ☐ DISAPPROVED

36. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER

37. REVIEWER SIGNATURE

38. DATE

### 3rd ENDORSEMENT (59 MDW/PA Use Only)

39. DATE RECEIVED

March 06, 2017

40. DATE FORWARDED TO 59 MDW/SGVU

March 09, 2017

41. COMMENTS ☒ APPROVED (In compliance with security and policy review directives.) ☐ DISAPPROVED

42. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER  
Kevin Inuma, SSgt/E-5, 59 MDW Public Affairs

43. REVIEWER SIGNATURE

613 IINUMA KEVIN MITSUGU.1296227 Digitally signed by IINUMA KEVIN MITSUGU.1296227  
DN: cn=IINUMA KEVIN MITSUGU.1296227, o=CN, ou=PKI, ou=USAF  
cn=IINUMA KEVIN MITSUGU.1296227  
Date: 2010.11.19 09:04:13 +0800

44. DATE

March 09, 2017

## 4th ENDORSEMENT (59 MDW/SGVU Use Only)

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46. SENIOR AUTHOR NOTIFIED BY PHONE OF APPROVAL OR DISAPPROVAL \_\_\_\_\_

☐ YES ☐ NO ☐ COULD NOT BE REACHED ☐ LEFT MESSAGE

47. COMMENTS ☐ APPROVED ☐ DISAPPROVED

48. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER

49. REVIEWER SIGNATURE

50. DATE





# Military Children's Perceptions of Parents' Frequent Missile Base Deployments



D Jones, Col, USAF, NC;<sup>1</sup> S Thomas, PhD, FAAN;<sup>2</sup> B Morgan, Col, USAF, NC<sup>3</sup>

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<sup>3</sup> 59 MDW, JBAS-Lackland TX

## BACKGROUND

- The military has been characterized by wartime deployments and the effects of a parent's combat deployment on their children are well studied, yet the Intercontinental Ballistic Missile (ICBM) is a peacetime mission with high ops tempo that also takes parents away from home for long periods of time each week.
- Each week members deployed to an ICBM site spend from one to five consecutive days, 24 hours a day, away from home. Accessing these ICBM sites requires members to be transported across the 10 thousand acres in and around Minot AFB. Being away from one or even both parents in the military is nothing new.
- Considering the operations tempo (OPTEMPO) with multiple combat zone deployments seen in the last 13 years, most military family members have come to expect separations. However, what is not expected, nor as fully understood, is the peacetime deployment activity, such as that seen in the ICBM missile communities.
- The number of days a parent is deployed to the ICBM site is often cumulatively much greater than what is experienced with a parent deployed to a combat zone.
- There is a gap in the literature comparing combat deployments with peacetime deployments, especially as perceived by the child.

## Design

- A qualitative approach of existential phenomenology was chosen to explore the military child's experience with parental deployment to ICBM missile sites. The phenomenology method of inquiry is used when nothing or little is known about the phenomenon of interest and needs to be explored.
- The children's perception is needed to describe their experience therefore, existential phenomenological interviews were used to explore the phenomenon of separation from parent(s). It is unique because it uses an in-depth interview method to gather data. This method is derived from the philosophy of Merleau-Ponty who contends that our basic mode of experience is perception of the actual world.

To understand the world of a child, the researcher gained access to their experience to ask about their perception.

## AIMs

- To comprehensively examine the phenomenon of frequent separation from parent(s) as perceived by military children of parents deploying to the missile field.
- Using phenomenological method, discover the meaning of the recurrent parental separations to children ages 8-12 to generate an in-depth description of the concept of separation from parents as perceived by the child.

## METHODS

SETTING: U.S. Military Base with an Intercontinental Ballistic Missile (ICBM) mission

SAMPLE: Specific thought and care was involved in the choice of the target sample. Purposeful sampling strategy used to recruit children 8 to 12 years of age with at least one parent whose job is to be in the missile field from 1 to 5 consecutive days each week. Incentives were provided....

PROCEDURES: UTK was the IRB of record. Parents provided consent and children assented. Eight children were interviewed. Each interview was transcribed by a professional transcriptionist and analyzed with the help of the interdisciplinary phenomenology working group at the University of Tennessee. Analysis involved the researcher working independently with the transcript as well as presenting transcripts to the interdisciplinary research group where each line was analyzed to identify meaningful statements; while continuously working toward global themes. Validity was maintained with oversight from the members of the phenomenology interpretive group. Rigor was maintained through careful transcription of the audiotaped interviews and strict adherence to the specified analytic procedure. The interpretive group will also serve as an external auditor.

## THEMES

Rich, thick descriptions of the findings allow for a more realistic description of the results. PI bias was identified in a bracketing interview prior to the interviews. The PI also used self-reflection throughout the study, through keeping a journal of thoughts and feelings to identify personal bias that could shape interpretations of the interviews.

### Missing Dad

"Miss him so bad"  
"I get a headache when he's away"  
"Our dog misses him"  
"My sister misses him"  
"Make you sad, make me sad"  
"Gals lonely sometime, he's gone all the time"

### Coping with Absence

"Pretend he's with you"  
"Text him, make sure they are ok"  
"Draw a lot, people's faces, I try drawing a picture of dad"  
"We like drawing him lots of presents and stuff"  
"We use to have dolls with dad's face, it helped me sleep"  
"I read, I study, I spend more time eating"

### He's Really Fun

"When dad's home we do some really fun stuff"  
"He helps us make snow forts"  
"We like to do things with dad... do to the zoo, playground, on walks"  
"Makes the best grilled cheese, mac-n-cheese, and PB&J"  
"He plays with us, that's fun"  
"I just like being able to play with my dad"  
"I don't like to play outside when dad's not home"

### Dad's really important to the family

"When he comes home he intervenes"  
"When dad's home it's better"  
"He tells everybody what to do and what not to do"  
"Everybody fights when he's gone"  
"Mom has to do all the work, mom has to do everything"

### Anxiety

"Could hurt you, could make you cry bad"  
"I feel like crying, I'm scared"  
"I'm scared when he goes on alert"  
"I get nervous, there's bad storms, I don't like to talk about why I'm nervous"  
"I get worried really bad"

## DISCUSSION OF PRELIMINARY FINDINGS

Eight children assented for interview and the interviews were completed in Feb 2017 with analysis ongoing. All children spoke freely and 6 children were more comfortable doodling in a coloring book or workbook. The other two children were able to continue discussion without distraction. There was no developmental difference between an eight year old and 12 year old in regards to using coloring etc. as a distraction and to keep them focused. At this time five themes have been identified.

- Theme one-Missing dad: 6 children stated they missed dad, 2 children indicated that someone else in the family missed dad; one child indicated the dog missed dad and the other child stated her sister missed dad.
- Theme two-Coping with absence: All 8 children had identified activities they did while dad was away. Activities varied from connecting with dad via phone, skype or texting while others liked to draw him pictures, draw pictures of him or see his face in a photograph.
- Theme three-He's really fun: All 8 children indicated a strong relationship with dad and easily identified activities they enjoyed with dad. Some children spoke of a particular event in which they enjoyed specifically with dad.
- Theme four-Anxiety: Children with anxious thoughts related to dad getting hurt or being caught in a storm. Children with fear and anxiety also had difficulty with siblings at home, or difficulty with mom indicating there was conflict at home.
- Theme five-Dad's really important to the family: All children made comments suggesting dad was important to them and their family. It was clear in the families of children who interviewed that dad was an authoritative figure at home. One child called him "the principal" because when dad was home there was order and discipline. Three children attributed a change in their behavior as well as their siblings when dad was away.

Analysis is premature and will continue with review of each transcript for themes within the transcript and across transcripts. Careful attention will be given to the child's perception to describe the human experience as well as their engaging with the world.

## NURSING IMPLICATIONS

- This study fills a gap in Force Health Protection. Exploring military children's perceptions of their parent's deployment to the missile field aided in identifying factors that may impact children's health and well-being; both of which are tied to the resilience of the family and the active duty member's ability to perform their mission.
- In addition, study results add support to evidence based decision making by pediatric nurse practitioners caring for military children who may be experiencing deployment related stress and poor coping.
- Implications for nurses wishing to pursue similarly designed studies, a few limitations of the current study are highlighted: (1) Logistical issues impacted recruitment because the PI was distant from the study site and had to make 2 trips to recruit. Being distant from the study site meant the PI had to rely on a liaison to assist with marketing the study.
- (2) Note that some researchers consider relying on children as a source of data during the interviews a limitation.
- (3) Timelines for conducting university-military collaborations may be extended. Even though PI is an Active Duty military member, she was pursuing her degree on her off duty time and required additional agreements and mentors.

## CONCLUSIONS

This study was novel in its approach—using phenomenology of separation from parent(s) which has never been studied in this unique subpopulation. This study was a vital first step in understanding the perceptions of the meaning of their parents' deployments.

Identified themes combined with future studies accessing larger samples, may be translated to new interventions or assessment tools, such as psychoeducational interventions. Finally, being able to describe how successful coping is exhibited in these particular children, may increase quality nursing care and enhance understanding of the military child's experiences and how they impact the deployed parent's state of readiness.

FUTURE research: Continuing this line of research is vital to ensuring the ready state of our military members and the resilience of the military family. Future studies should assess the parent and child as a dyad, exploring their perception of the deployment to understand the impact on both the parents and the child.



Research sponsored by TSARF Grant H0001-15-1-TS12. Views expressed are those of the researchers and do not necessarily reflect those of the Uniformed Services University, Department of Defense, or US Government. The voluntary fully informed consent of the subjects used in this research was obtained as required by 32 CFR 219 and DODD 3216.02, AFI 40-402.

January 20, 2017

Deborah K Jones,  
UTK - College of Nursing - Nursing

**Re: UTK IRB-15-02251-XP**

**Study Title:** A qualitative phenomenology study to explore military children's perceptions of their parents away from home in the missile field every week.

Dear Deborah K Jones:


The UTK Institutional Review Board (IRB) reviewed your application to **continue** your previously approved project, referenced above. It has determined that your application is eligible for **expedited** review under 45 CFR 46.110(b)(1). The IRB reviewed your renewal application and determined that it does comply with proper consideration for the rights and welfare of human subjects and the regulatory requirements for the protection of human subjects.

Therefore, this letter constitutes approval of your renewal application, including the consent and assent forms dated and stamped IRB approved. Approval of this study will be valid from January 20, 2017 to January 25, 2018.

In the event that subjects are to be recruited using solicitation materials, such as brochures, posters, web-based advertisements, etc., these materials must receive prior approval of the IRB. Any revisions in the approved application must also be submitted to and approved by the IRB prior to implementation. In addition, you are responsible for reporting any unanticipated serious adverse events or other problems involving risks to subject or others in the manner required by the local IRB policy.

Finally, **re-approval** of your project is required by the IRB in accord with the conditions specified above. You may not continue the research study beyond the time or other limits specified unless you obtain prior written approval of the IRB.

Sincerely,



**Colleen P. Gilrane, Ph.D.**  
Chair